OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

SBR- 52/17-18
No. B dt- 30/6/17

Serial No. ..... 1st & Final BM

Name of Work ..... Emergency works (culverts, footpaths and others). From ..... To 256544

Name of Contractor of nature of Agency ..... Sri. Naveen Kumar. N.

Date of commencement of work ..... Date of Recording :- 28/08/2017

BR-175
30/6/17

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estt. cost :- Rs. 10,00,000/- Job code no :- 008-16-000031 AS/ No :- BBMP/ BTP/ Addl/ 180/ 2015-16, Dt. 14/12/15 TS/ No :- BBMP/ BTP/ TS/ 189/ 15-16, Dt: 14/12/15 Work order No :- BBMP/ BTP/ WO/ 82/ 2016-17, Dt. 23/07/2016 Modified name of work :- Emergency works (culverts, footpath and others) improvement to drain at main and cross roads of Kodigehalli and surrounding area in ward no. 08. Kodigehalli sub division.						

Property of BBMP
Not to be sold

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork excavation by manual means in ordinary soil including any amount required thro upto 2 metre and any amount lift upto 0.5m, excavated mutar levelled and side evenly dumed the disposed earth to be levelled neatly after breaking of clods, complete as per specification						
	= Qty vide premeasurement ref TMB page no: 25&582						
	Qty upto 1.5 m. = 104.55 m^3					Rate 70.00/cum	Rs 7318.50
	Qty above 1.5 m. = 288.11 m^3					Rate 74.58/cum	Rs 21487.00
2)	Removing B.S slab of drain and stacking						
	= Qty vide premeasurement ref TMB						

page no: 25&580/2

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
		43
3)	Refixing stone slabs of	
	qty main rd = Qty	2
		3
		3
	20 m D. main =	2
		2
		3
		2

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
in ordinary soil including an an average lift upto 0.5m, dumd the disposed g of clod, complete s Rm			
ey TMB 5 & 582			
Rh 70.00/cum		Rh	7318.00
74.58/cum		Rh	21487.0
ncluding unmet ey TMB			
56580/-			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

256545

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		439.74 m²		Rh. 60.00/Sqm		Rh	26384.00
3)	Refixing stone slabs of drain and pointing in cm (1:3)						
	qty main rd = Rh	2×1	30.00	0.90	=	54.00	
		2×1	30.00	0.90	=	54.00	
		2×1	27.30	0.90	=	49.14	
	20cm d. main =	2×1	12.00	0.90	=	21.60	
		2×1	15.00	0.90	=	27.00	
		2×1	6.00	0.90	=	10.80	
		2×1	17.00	0.90	=	30.60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 no	5.0	0.90	=	9.0	
		2 no	30.0	0.90	=	54.0	
		2 no	5.0	0.90	=	9.0	
		2 no	12.50	0.90	=	22.50	
		2 no	24.0	0.90	=	43.20	
		2 no	12.0	0.90	=	21.60	
		2 no	13.0	0.90	=	23.40	
		2 no	24.0	0.90	=	43.20	
						473.04 m²	
					Limit to	439.74 m²	
		Qty. 70.0 / Sqm				Rs.	30781.0

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
4)	providing and laying 1:4:8 with RPC cu graded granite met 0.5+ mm, machine mixed with well contacted all materials labour, Ho = Qty vide	
	Qty upto 12% = 2	
	Qty above 12% =	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
.90	=	9.0	
.90	=	54.0	
.90	=	9.0	
.90	=	22.50	
90	=	43.20	
.90	=	21.60	
90	=	23.40	
90	=	43.20	
		473.04 m²	
Unit to		439.74 m²	
Sqm		Rs.	30781.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256546

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	providing and laying in position plain cement concrete of mix 1:4:8 with 20mm and down size graded granite metal coarse aggregate @ 0.85 cum and fine aggregate @ 0.57 cum, machine mixed, concrete laid in layers not exceeding 15 cm, which well contacted in foundation and plinth including cost of all materials, labour, hire of machinery until complete as per specifications = Qty vide premeasurement ref TMS page no: 25582/2						
	Qty upto 1st.	2.70 m³			Rate 4900.0/cum	Rs	13230.0
	Qty above 1st.	17.28 m³			Rate 4547.71/cum	Rs	78584.0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing & laying in position cement concrete 1:3:6, 20mm down graded stone aggregate @ 0.878 cum and fine aggregate @ 0.459 cum, mixing mixed, concrete laid in layers not exceeding 15cm thick well compacted all materials, labour, specifications = Qty vide Pre-measurement ref TMB Page no: 256583						
	Qty upto 12.5%	= 36.00 m³				@ Rs. 80.00/cum	Rs. 2880.00
	Qty above 12.5%	= 321.48 m³				@ Rs. 89.11/cum	Rs. 28647.00
6)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 140 kgs. with 20mm and down size graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.459 cum, mixing mixed, concrete laid in layers not exceeding 15cm						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	thick well compacted all materials, labour, specifications = Qty	
	Qty upto 12.5% =	1.
	Qty above 12.5% =	1.
7)	Providing and laying in mix M20 with 20 mm graded, granite metal,	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
d stone masonry with ; racking joints to depth g materials, labour, cmtg			
ref TMB 56583			
80.00/cum		Rs. 2880.00	
89.11/cum		Rs. 28647.00	
kerb consists of mile cm and dem sized cm and rise ggregate @ 0.459			
layers not Exceding 15cm			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256547

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Thick well compacted in foundation plinth and with including cost of all materials, labour, HOM of machine, cmtg. complete as per specification						
	= Qty vide premeasurement ref P.TMB Page No: 256583						
	Qty upto 125%. =	1.80 m³	@ Rs. 5000.00/cum			Rs 9000.00	
	Qty Above 125%. =	1.31 m³	@ Rs. 5270.30/cum			Rs 6904.00	
7)	Providing and laying in position reinforced cmtd concrete consists of design mix M20 with 20 mm nominal size graded, graded metal, coarse aggregate, @ 320 kgs with 20 mm & down size @ 0.878 cum and fine aggregate						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 0.459 cum with 1999 reaffirmed - 2008, not exceeding 15 cm, thick vibrated for all layers in foundation plinth and ground floor roof slab, staircase, lintels, retaining walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, strings or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. including cost of all materials, labour, hoisting & machine mixing, curing, complete & fabrication						
	= Qty as per measurements as per MB						
			Page no: 256 582				
	Qty upto 12 5%. =	3.91 m³		Rate 6000.00/cum		23460	
	Qty above 12 5%. =	1.56 m³		Rate 4547.31/cum		7094	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
8	Providing and laying ... with stone aggregate ... reinforced) including ... laid in layers not exceed... materials, labour, hoisting & ...	2... 2... 2... 2...

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			~~314~~ Carrying to is mixed concrete laid in layers for all types in foundation roof slabs, staircase, lintels, beam) including attaching plates, Posts, stanchions, bottom strip bed blocks, anchor blocks, including cost of all materials complete as per specifications	9103 —
			amount per Item No: 25658	
			~~Rft.~~ 6000.0 / cum ft.	23460 —
			Rft. 4547.31 / cum ft.	~~23455.0~~ ~~7106.0~~ 7094 —

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256548

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
8	Providing and laying in position reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size for slab (including steel reinforcement) including cement and shuttering, vibrating mixed, concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials, labour HOM & machinery complete as per specifications	2	30.0	0.90	=	54.0	
		2	30.0	0.90	=	54.0	
		2	30.0	0.90	=	54.0	
		2	30.0	0.90	=	54.0	
		2	25.0	0.90	=	45.0	
						261.0 Sqft	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		261.00 m²	@ Rs. 1500.00/sqm			Rs	391500.00
9)	Lead for disposal of debries shall be payable at carriage rate for mechanical mean including loading and unloading. from 0.00 to 2.00 kms.						
	Qty vide item no (1)					= 392.66 m³	
	Qty upto 12%.	=	88.86 m³	@ Rs 72.00/cum		Rs	6398.00
	Qty above 12%.	=	303.80 m³	@ Rs. 70.83/cum		Rs	21516.00
10)	providing and laying/fixing cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and —						

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	laying, laid on a bed of 12 with flush pointing using me including cutting grinding the labour, curing complete as pe	
	For shoulder =	1×1
		1×1
		1×1
	20TH D. main B/S =	2×1
		1×1
	9TH main road =	1×1

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
. 1500.00/sqm			Rs 391500.00
payable at carriage rate for			
unloading. from 0.00 to			
①	= 392.66 m³		
72.00/sqm			Rs 6398.00
70.83/cm			Rs 21518.00
m. precast, pre Polished			
ile for flooring casting to			
, track of steh, and —			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256549

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	laying, laid on a bed of 12mm thick cement mortar 1:3 mix trowelled with finish pointing using neteb cement including cost of materials, including cutting grinding the edge to half/full round where required labour, curing complete as per specifications.						
	For shoulder =	1 x 1	30.00	1.10	=	33.00	
		1 x 1	30.00	1.10	=	33.00	
		1 x 1	27.30	1.10	=	30.03	
	20TH D. main B/S =	2 x 1	12.00	1.20	=	28.80	
		1 x 1	12.00	1.20	=	14.40	
	9TH main road =	1 x 1	30.00	1.20	=	36.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x1	30.0	1.20	=	36.0	
		1x1	2.30	1.20	=	2.76	
						213.99 m²	
						@ Rs. 1050.96/sqm Rs	224894.0
						Total Rs	900082.0
	Certified that * work done is satisfactory * all debris cleared from the work spot using contractor's own vehicles * There are no deductions from or made to the above work.					Rs. 13,699	9,00,082-00
							Rs.08 29/06/17

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

Depth 6	Contents 7	Reference to last Measurement 8
=	36.50	
=	2.75	
	213.99 m²	
0.96/sqm	Rs 224894.50	
Total	Rs 9,00,082.50	
using calculator sum	~~Rs 13,694~~	
the above work.	9,00,082.50	

PW.08
29/06/18

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256550

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			PART				
	87.30 mtr 9TH Main road						
	24 Cross						

PW.08
29/06/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Rs. Eight Lakhs, Ht

OK

Depth 6	Contents 7	Reference to last Measurement 8
		'B' Block Main

Executive Engineer,
ehalli Sub Division,
nka Zone, B.B.M.P.

M. A. R. 57 (Rule
Measurement B

No. B 256551

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total 9,00,082-00	
	9,00,082-00 64804-00 835278-00 Rs Eight Lakhs Thirty Five Thousand Two Hundred Seventy Eight Only Krishna Lodge Telecridom 30/06					I.T. 9000-00 VAT 36003-00 CW. 9000-00 CBF. 900-00 LR 9901-00 Add. 64804-00 Cheque: 835,278-00	